Data required by California Water Code Section 10004.6

All values in millions of acre-feet unless otherwise noted

Statewide Information

NOTES	Water Code Section	Description									Current Trends			Slow & Strategic Growth		Expansive Growth	
	10004.6 (C)	The department shall release, at a minimum, assumptions and other estimates relating to all of the following:	1998	1999	2000	2001	2002	2003	2004	2005	2030	2050	2043-2050 average	2050	2043-2050 average	2050	2043-2050 average
	10004.6 (C) (1).	Basin hydrology															
		Water Entering the State															
1		Annual rainfall	329.6	181.3	187.7	139.2	160.1	184.4	186.5	251.9							
2		Inflow from Oregon/Mexico	2.3	2.4	1.7	1.1	1.1	1.1	1.1	1.0							
3		Imports from Colorado River	5.0	5.1	5.3	5.2	5.4	4.5	4.8	4.2							
		Subtotals	336.9	188.8	194.7	145.5	166.6	190.0	192.4	257.1							
		Water Leaving the State															
4		Consumptive use of applied water	22.5	27.6	27.9	27.8	29.3	26.7	29.2	24.4							
5		Outflow to Oregon/Nevada/Mexico	1.6	1.7	0.9	0.7	0.8	1.1	0.8	1.4							
6		Statutory required outflow to salt sink	43.8	51.8	28.0	13.9	29.6	39.8	36.7	37.3							
7		Additional outflow to salt sink	73.0	34.0	37.1	17.7	24.0	29.9	24.7	22.7							
8		Evaporation, evaporation of native vegetation, groundwater, subsurface outflows, natural and incidental runoff, agricultural effective precipitation, and other outflows	190.5	86.3	106.5	99.7	92.7	97.7	114.9	167.6							
		Subtotals	331.4	201.4	200.4	159.8	176.4	195.2	206.3	253.4							
		Storage Change in State															
9		Change in surface reservoir storage	7.2	-4.1	-1.3	-4.6	0.1	3.7	-4.1	7.9							
10		Change in groundwater storage	-1.7	-8.5	-4.4	-9.7	-9.7	-8.7	-9.8	-4.1							
		Subtotals	5.5	-12.6	-5.7	-14.3	-9.6	-5.0	-13.9	3.8							
		Other basin hydrology information															
11		Unimpaired Runoff (Sacramento and San Joaquin Basins)	41.8	27.1	24.8	13.0	18.7	24.2	19.9	27.8							
12	10004.6 (C) (2).	Groundwater supplies (total extractions)	10.0	15.1	14.9	17.7	17.5	15.6	17.7	12.0							
		Sustainable yield estimates															
		Overdraft recovery needs															
		Supplies lost to groundwater pollution															
	10004.6 (C) (3).	Current and projected land use patterns:															
		Residential															
		Commercial															
		Industrial															
13		Agricultural irrigated crop area (millions of acres)	9.5	9.5	9.5	9.2	9.4	9.3	9.2	9.2		8.6		8.3		9.0	
		Undeveloped lands															
14	10004.6 (C) (4).	Regulated instream flow requirements (applied in stream flows and required delta outflow)	16.4	15.1	14.8	11.3	11.4	13.3	13.5	14.8							
15		Nonregulated instream flows (wild & scenic and excess delta outflow)	43.1	48.3	24.6	10.8	26.2	37.1	31.5	34.3							
16		Wetlands and refuge needs	1.4	1.6	1.5	1.3	1.6	1.5	1.5	1.3							
		Managed natural resource land needs															
		Unmanaged natural resource land needs															
17	10004.6 (C) (5).	Population (millions)	32.9	33.4	34.1	34.8	35.3	36.0	36.6	36.8		59.5		44.2		69.8	
	10004.6 (C) (6).	Current and projected water needs:															
18		Interior uses, single family dwelling	1.5	1.6	1.8	1.6	1.9	1.9	2	1.9			4.0		2.6		5.3
19		exterior uses, single family dwelling	2.3	2.2	2.6	2.6	2.5	2.5	2.8	2.7			3.4		2.1		4.4
20		Multifamily dwelling, all uses	1.4	1.3	1.5	1.5	1.6	1.4	1.6	1.4			2.4		1.6		3.1
21		Commercial water uses	0.9	1.1	1.1	1.1	1.2	1.1	1.2	1.1			2.9		2.2		3.3
22		Industrial water uses	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5			0.4		0.3		0.5
23		Parks and open spaces	0.7	0.8	0.9	0.8	0.9	0.9	0.9	0.7			1.1		0.7		1.3
24		Agricultural surface water diversion															
25		Agricultural water use (on farm applied water use)	24.1	31.4	31.1	31.2	33.3	30.2	33.1	27.5			25.4		24.8		25.9
26	10004.6 (C) (7).	Evapotranspiration rates for major crop types (ET of applied water)	16.8	21.9	21.7	21.8	23.0	20.8	23.1	19.0							
27		Estimates of evaporative losses by irrigation practice															
		Extent to which evaporation reduces transpiration															
	10004.6 (C) (8).	Current and projected adoption of urban and agricultural conservation practices															
28	10004.6 (C) (9).	Current and projected supplies of water provided by water recycling and reuse	15.4	15.8	11.8	8.8	13.8	16.0	14.2	16.6	1.8-2.2						

= Data not available

Notes

1-10	From Update 2009 Volume 1, Table 4-2, California water balance summary
11	From CDEC Water Year total unimpaired runoff for Sacramento Valley and San Joaquin Valley
12	From Update 2009 California water portfolios total groundwater extractions for banked, adjudicated, and unadjudicated basins
13	From Update 2009 Land & Water Use program
14	From Update 2009 California water portfolios applied instream flows and required delta outflow net use
15	
16	From Update 2009 California water portfolios managed wetlands applied water use
17	From DOF for 1998-2005 and current trends scenario. Slow& Strategic Growth and Expansive Growth modified from estimates by Public Policy Institute of California
18-23	From Update 2009 California water portfolios applied water use estimates
24	Data not aggregated to statewide summary
25	From Statewide Water Balances (PA 8 year balance sheet)
26	From Update 2009 California water portfolios ET of applied water estimates
27	Data under development
28	Current year values from Update 2009 California water portfolios. Projected values from recycled water resource management strategy and represent estimate of additional possible recycled water by year 2030.